

CLAIMS

1. A method of updating database records associated with configuration data stored in at least one mobile device, the method comprising:

determining if the configuration data has been modified; and

5 transmitting the configuration data to a server system for updating respective records of a database, in response to the configuration data being modified in the mobile device.

2. The method of claim 1, further comprising:

10 transmitting the configuration data to the server system in real time.

3. The method of claim 1, further comprising:

transmitting the configuration data to the server system within a predetermined time period, if it is determined that the configuration data is
15 modified in the mobile device.

4. The method of claim 1, further comprising:

updating at least one record of the database based on information contained in the configuration data.

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5. The method of claim 1, further comprising:

comparing the configuration data with the respective records of the database.

25 6. The method of claim 5, further comprising:

transmitting the configuration data to the server system, if it is determined that the configuration data is different from that stored in the respective records of the databases.

30 7. The method of claim 1, further comprising:

determining if configuration data transmitted to the server is invalid.

8. The method of claim 7, further comprising:
automatically correcting the configuration data, if the configuration data is
5 invalid.

9. The method of claim 7, further comprising:
generating an alert, if the configuration data is invalid.

10. The method of claim 1, wherein the configuration data comprises at
least one of an access point name (APN), a web gateway internet protocol (IP)
address, a short messaging service center (SMSC), system identification code
(SID), system dependent information, and communication environment dependent
information.

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11. A system for updating database records associated with
configuration data stored in at least one mobile device, the system comprising:
a comparator for determining if the configuration data has been modified;
and
20 a transmitter for transmitting the configuration data to a server system for
updating respective records of a database, in response to the configuration data
being modified in the mobile device.

12. The system of claim 11, wherein the transmitter transmits the
25 configuration data to the server system in real time.

13. The system of claim 11, wherein the transmitter transmits the
configuration data to the server system within a predetermined time period, if it is
determined that the configuration data is modified in the mobile device.

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14. The system of claim 11, further comprising:

means for updating at least one record of the database based on information contained in the configuration data.

15. The system of claim 11, further comprising:
5 means for comparing the configuration data with the respective records of the database.

16. The system of claim 15, wherein the transmitter transmits the configuration data to the server system, if it is determined that the configuration
10 data is different from that stored in the respective records of the databases.

17. The system of claim 11, further comprising:
means for determining if configuration data transmitted to the server is
invalid.

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18. The system of claim 17, further comprising:
means for automatically correcting the configuration data, if the
configuration data is invalid.

20 19. The system of claim 17, further comprising:
means for generating an alert, if the configuration data is invalid.

20. The system of claim 11, wherein the configuration data comprises at least one of an access point name (APN), a web gateway internet protocol (IP)
25 address, a short messaging service center (SMSC), system identification code (SID), system dependent information, and communication environment dependent information.